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DERWENT-ACC-NO: 1996-275551

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TITLE: A bacteriophage prepn. for prevention and treatment of coli-bacteriosis - contains a mixt. of Phagum coli strains, phenol, 8-hydroxy-quinoline sulphate and distilled water

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PRIORITY-DATA: 1987SU-4353649 (November 27, 1987)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|------------------|----------|-------|------------|
| RU 1533330 C | October 10, 1995 | | 004 | C12N007/00 |

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ABSTRACTED-PUB-NO: RU 1533330C

BASIC-ABSTRACT:

A bacteriophage compsn. for prevention and treatment of colibacteriosis in calves comprises a mixt. of suspensions of enteropathogenic escherichia in a culture medium, phenol and 8-hydroxyquinoline. The phase suspension contains a mixt. of the Phagum coli VGNKI N phages 132, 844, C-1-272, K-3-273, F-1-06, and F-2-05, in the proportions (vol.%, activity 108 ''BOE''/ml): 15.0-18.0 phage 132; 15.0-18.0 phage 844; 1.5-1.7 phage C-1-272; 15.0-17.0 phage K-3-273; 15.0-17.0 phage F-1-06; ; 15.0-17.0 phage F-2-05; 0.01-0.075 8-hydroxyquinoline, 0.2-0.25 phenol and remainder distilled water.

ADVANTAGE - The new prepn. has higher activity, a wider action spectrum and higher specificity than previous prepn. It avoids some of the drawbacks, e.g. marked diarrhoea, resulting in rapid dehydration, food rejection and a comatose state.

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EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0